March 24, 2008

Mary A. Siders, PhD.
Bureau of Corrective Actions
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701

For:
National Dry Cleaners, Inc.
c/o Randall Jackson
Williams & Company Consulting, Inc
9237 Ward Parkway, Suite 114.
Kansas City, MO 64114

and:
Al Phillips the Cleaners, Inc.
3250 West Ali Baba Lane. Suite C-F
Las Vegas, Nevada 89119

Re: **Installation of Additional Downgradient Groundwater Monitoring Wells**
Maryland Square Shopping Center
3661 South Maryland Parkway, Las Vegas, Nevada
Facility ID: H-000086

Attn: Dr. Siders

At the request of our client Al Phillips the Cleaners, Inc. (Al Phillips), URS Corporation (URS) has prepared this letter report to present the findings of the installation of additional down gradient groundwater monitoring wells during March 2008. These wells were installed for further environmental site characterization of a tetrachloroethene (PCE) plume in the residential area along Spencer Street in Las Vegas, Nevada (Figure 1). Three permanent groundwater monitoring wells were installed and sampled as requested by the Nevada Division of Environmental Protection (NDEP, letter dated December 14, 2007). Also, one additional borehole was drilled. A summary of the site background, investigation methods, and quality control measures were included in the *Monitoring Well Installation Work Plan* dated September 24, 2007, that was submitted to NDEP and approved by NDEP in a letter dated October 10, 2007.

The purpose of the scope of work presented in the work plan was to evaluate and further characterize groundwater impact in the residential area downgradient of the site to better define the leading edge of the dissolved PCE plume. The scope of work was slightly modified in the field based on site conditions. The modified scope of work was accomplished by performing the following tasks:

- Drill and sample one borehole;
- Install and sample three new groundwater monitoring wells;

URS Corporation
811 Grier Drive
Las Vegas, NV 89119
P: (702) 492-7900
F: (702) 492-9149

- Evaluate the groundwater gradient and flow direction in the area of the plume;
- Evaluate the downgradient extent of PCE impact to groundwater based on the additional groundwater analysis;
- Initiate groundwater monitoring for the three new wells;
- Survey the elevations of the three new wells;
- Report findings of the additional groundwater assessment.

Investigation

One borehole (B-T2) was drilled and sampled on March 4, 2008. The sample was submitted to a Nevada-certified analytical laboratory with a 24-hour turn-around time, and the analytical data was used to help select a location for well MW-33. Three permanent wells (MW-31, MW-32, and MW-33) were installed and developed from March 4 through 6, and sampled on March 17, 2008. The locations of these wells are shown in Figure 2. Well MW-31 is located on north side of Tioga Way at the intersection of Cochise Lane; well MW-32 was installed at the location of borehole B-T (drilled October 2007) on the north side of Cherokee Lane near the intersection of Spencer Street; and well MW-33 is located on south-bound Spencer Street at the intersection of Commanche Drive. The borehole logs, which include well construction information, are attached. Other well characteristics, including top of casing elevation, are summarized in Table 1. Groundwater sample collection logs for the permanent wells, which include measurements of field parameters during purging of the wells, are also attached. Groundwater samples were submitted to a Nevada certified analytical laboratory for analysis of volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) method 8260B. Residual investigative materials were placed in 55-gallon drums and are being disposed of in accordance with state and federal regulations.

TABLE 1
SUMMARY OF ADDITIONAL DOWN GRADIENT WELL CHARACTERISTICS
Maryland Square Shopping Center

Well ID	Install Date	Top of Casing Elevation (feet above MSL)	Screen Depth (feet BTOC)	Sample Date	Depth to Water (feet BTOC)
SHALLOW WELLS					
MW-31	3/5/2008	1937.93	13.5-33.5	3/17/2008	15.23
MW-32	3/4/2008	1952.82	13.5-33.5	3/17/2008	17.25
MW-33	3/6/2008	1950.92	13.5-33.5	3/17/2008	16.02

Note: *BTOC = below top of casing, MSL = mean sea level

Analytical Results

Well locations and PCE concentrations are shown on Figure 2, and Table 2 summarizes analytical data for VOCs, specifically PCE, trichlorothene (TCE), and cis-1,2-dichloroethene. The laboratory analytical reports are attached.

TABLE 2
SELECTED VOC CONCENTRATIONS IN ADDITIONAL DOWN GRADIENT MONITORING WELLS AND BOREHOLE
Maryland Square Shopping Center

Well ID	Sample Date	Concentration (µg/L)		
		perchloroethylene (PCE)	trichloroethene (TCE)	cis-1,2-Dichlorethene
B-T2	3/4/2008	130	ND	ND
MW-31	3/17/2008	49	ND	ND
MW-32	3/17/2008	720	ND	ND
MW-33	3/17/2008	2.4	ND	ND

Note: µg/L = micrograms per liter, ND = not detected above the laboratory reporting limit

Findings

Groundwater elevation contours for March 2008 are shown in Figure 3. In general, groundwater beneath the residential neighborhood, north of Seneca Lane, appears to flow in a slight northeasterly direction. As groundwater crosses Spencer Street, it appears to flow in a slight southeasterly direction.

Figure 2 shows the PCE concentrations from select down gradient shallow monitoring wells (MW-18 and MW-22 through MW-30) sampled during the December 2008 sampling event and PCE concentrations detected in the new wells (MW-31, MW-32 and MW-33). The concentration of PCE detected in well MW-33 on Spencer Street at the corner of Commanche Drive was below the Nevada Drinking Water Standards Maximum Contaminant Level of 5 micrograms per liter (µg/L). The PCE concentrations detected in well MW-32 (same location as temporary well B-T on Cherokee Lane) and borehole B-T2 on Spencer Street were 720 µg/L and 130 µg/L, respectively. The PCE concentration detected in well MW-31 located on Tioga Way at the intersection Cochise Lane was 49 µg/L.

URS has retained Mr. Scott Ball, now with MWH Americas, Inc., for a period of time as the CEM of record for this project due to his past experience on this project. Mr. Ball had direct oversight of URS staff on this scope of work and was involved in evaluation of the resulting data.

NDEP requires the following statements to be provided by the responsible Environmental Manager for this project (per NRS 459.500):

> *"I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein."*
>
> *"I, Scott Ball, hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state, and local statutes, regulations and ordinances."*

Scott Ball

Scott Ball, C.E.M. 1316, expires 10/15/09

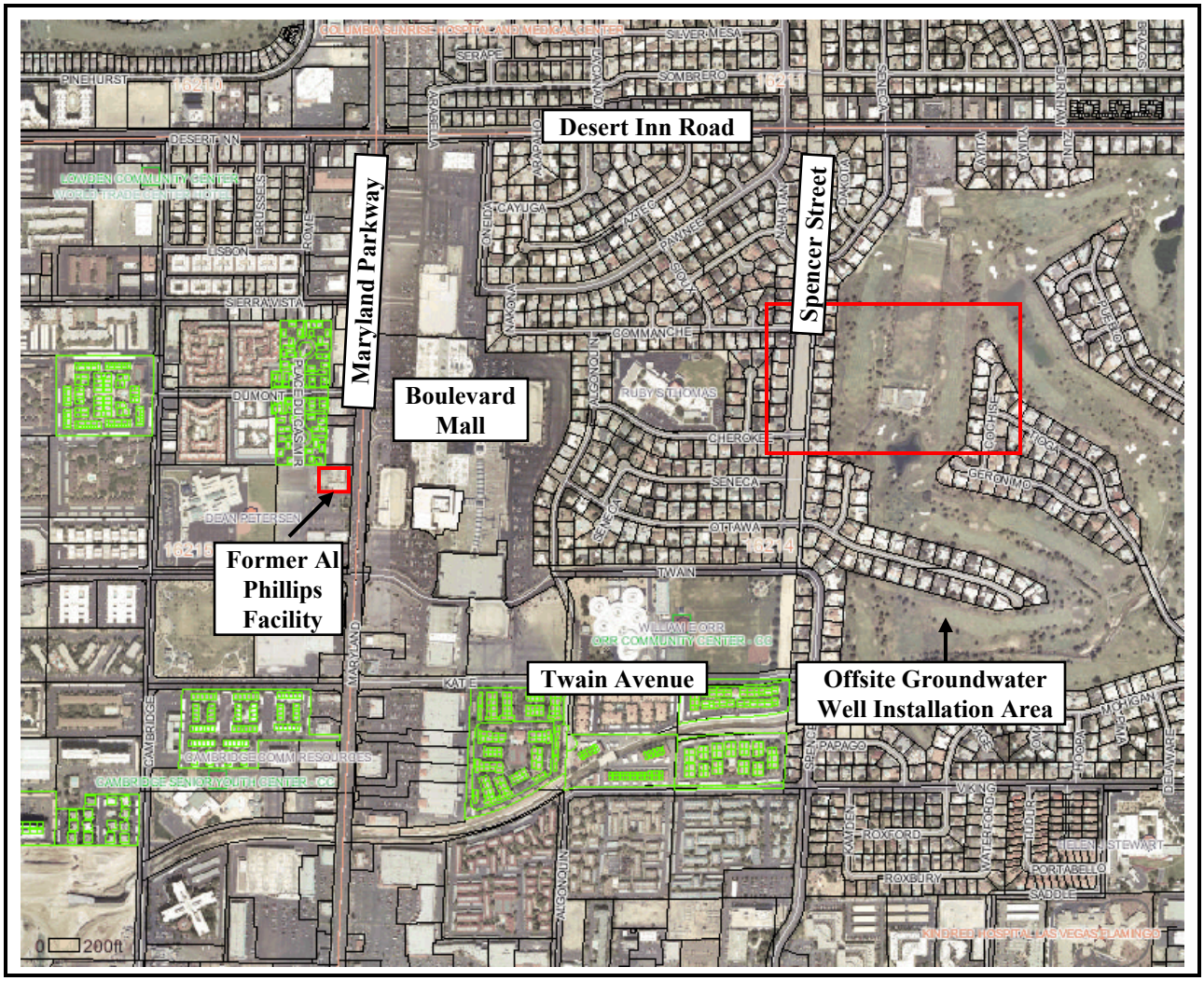
If you have questions regarding this data please contact the undersigned at (702) 492-7923 or at lisa_lowe@urscorp.com.

Sincerely,
URS Corporation

Lisa B. Lowe
Project Manager

William F. Van Stone Jr.
Branch Manager

Cc: Mr. Randall L. Jackson, NDCI
Mr. Dennis P. Connair, URS



Source: Clark County Assessors Web Site
Scale: 200 feet

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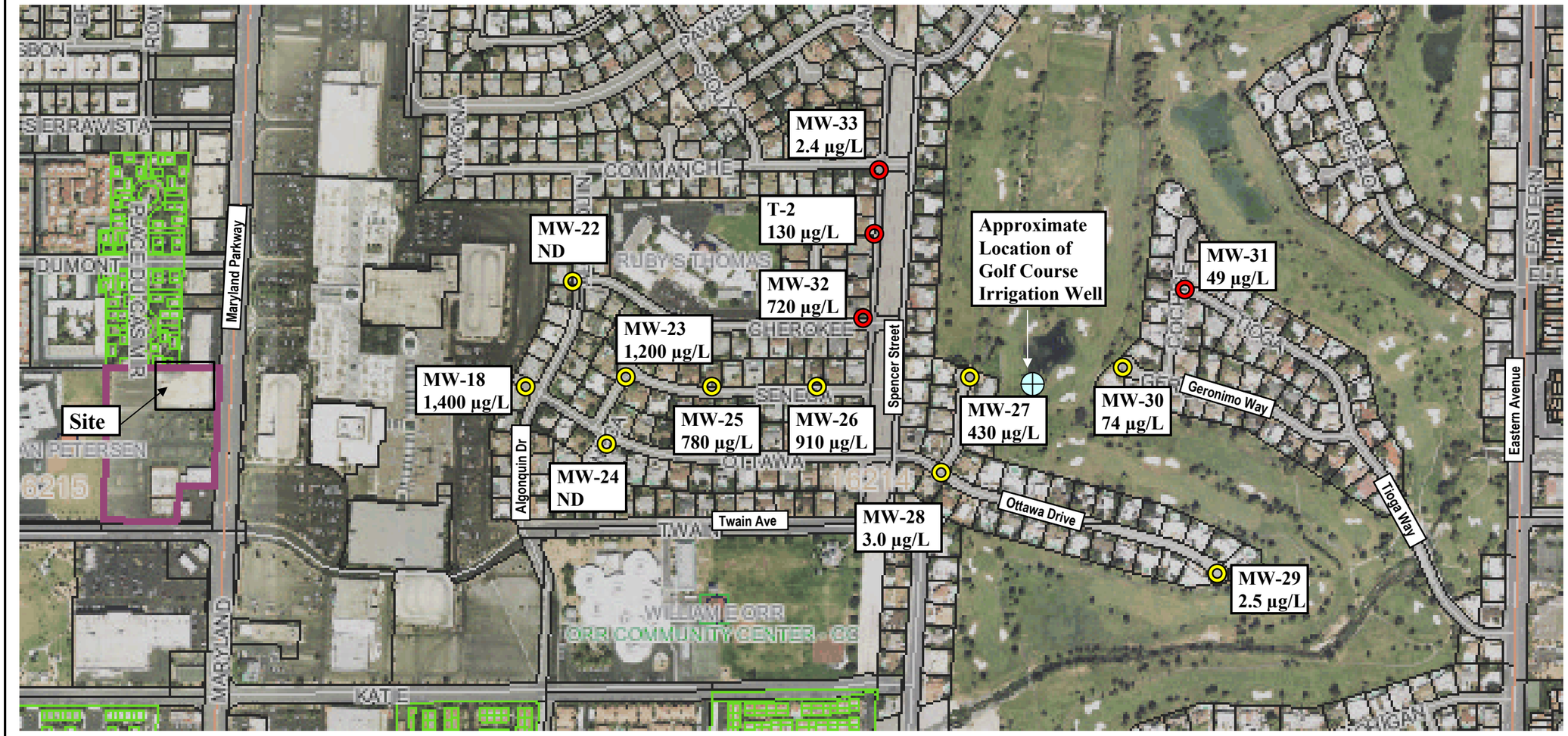
SITE LOCATION MAP

Al Phillips The Cleaner
Groundwater Monitoring Well Installation
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, Nevada

URS

March 2008
Job No. 26698724

Well Installation Fig 1.ppt FIGURE 1



Source: Clark County Assessors Web Site
Scale: 0Feet 500 Feet

Legend:

MW-29 — Approximate Location of New Monitoring Wells with PCE Concentration from March 2008

MW-27 — Approximate Location of Selected Existing Monitoring Wells; PCE Concentration from November/December 2007 Sampling Event

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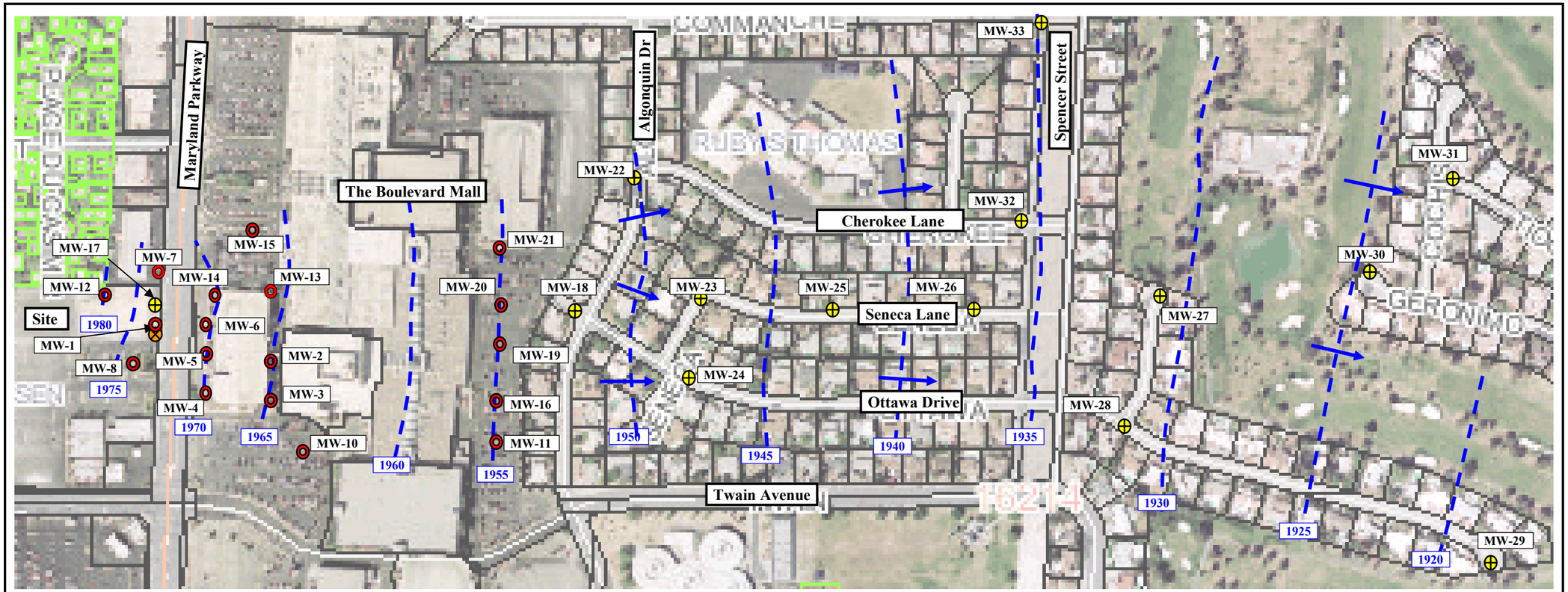
MONITORING WELL LOCATIONS AND PCE CONCENTRATONS

Al Phillips The Cleaner
Downgradient Groundwater Monitoring Well Installation
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, Nevada

March 2008
Job No. 26698724
Well Installation Fig 2.ppt

FIGURE 2



Groundwater Elevations In Monitoring Wells (1st Quarter 2008)

Well	Elevation	Well	Elevation	Well	Elevation	Well	Elevation	Well	Elevation	Well	Elevation
MW-1	1972.01	MW-6	1968.75	MW-12	1979.99	MW-17	1971.41	MW-22	1949.59	MW-28	1931.36
MW-2	1965.15	MW-7	1972.32	MW-13	1965.89	MW-18	1951.72	MW-23	1947.14	MW-29	1918.50
MW-3	1964.49	MW-8	1973.62	MW-14	1969.26	MW-19	1954.91	MW-24	1947.76	MW-30	1924.24
MW-4	NM	MW-10	1962.74	MW-15	1966.66	MW-20	1954.87	MW-25	1942.87	MW-31	1922.70
MW-5	1969.87	MW-11	NM	MW-16	1954.30	MW-21	1955.37	MW-26	1937.57	MW-32	1935.57
								MW-27	1930.58	MW-33	1934.90

Elevations are feet above means sea level.

Source: Clark County Assessors Web Site

Scale: 0 Feet — 200 Feet

Legend:

- Approximate Location of Shallow Monitoring Well Installed by URS.
- Approximate Location of Intermediate Monitoring Well Installed by URS.
- Approximate Location of Monitoring Well Installed by Converse.
- Groundwater Elevation Contour Line.
- Approximate Direction of Groundwater Flow.

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GROUNDWATER ELEVATION CONTOURS FOR SHALLOW WELLS

March 2008

Al Phillips The Cleaner

Groundwater Monitoring Well Installation

Maryland Square Shopping Center

3661 South Maryland Parkway

Las Vegas, Nevada

Job No. 26698724

Well Install Fig 3.ppt

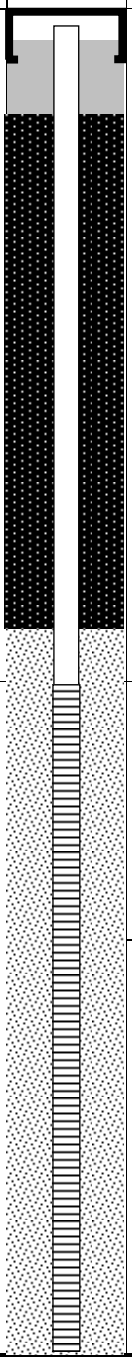
FIGURE 3

BOREHOLE LOG
MW-31

Al Phillips The Cleaner
Maryland Square Shopping Center
Groundwater Monitoring Well Installation
Las Vegas, Nevada
Project No. 26698724

Date Started:	3/4/2008
Date Completed:	3/5/2008
Drilling Company:	WDC Exploration
Drilling Method:	Hollow Stem Auger
Sampling Method:	None
Logged By:	Lisa Lowe

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION
0								0-4" ASPHALT
1						Af		4"-1.5' gravelly SAND: brown, sl. moist with up to 1.5" diameter angular rocks
2								1.5'-9' silty SAND: tan, sl. moist, well sorted, fine grained, some plasticity with some pea gravel
3								3'-4' same except lt. brown
4								4'-9' silty SAND: tan, sl. moist, well sorted, fine grained, no plasticity
5								
6								6'-6.5' some caliche nodules
7								
8								
9								9'-13' silty SAND: lt. brown, sl. moist, well sorted, sl. plasticity with some pea gravel
10						SM		
11								
12								
13								13'-22' silty SAND, lt. brown, moist, sl. plasticity, poorly sorted, fine grain with some pea gravel
14								
15								
16								@16' same except sand more coarse
17								
18								
19								@19' same except wet
20								
21								
22								22'-30' gravelly SAND: lt. brown, wet, poorly sorted with some silt and pea gravel
23						SW		
24								
25								



Remarks/Well Information

WELL CONSTRUCTION
Date Compl.: 3/5/2008
Comp. Rep: L. Lowe

SURFACE COMPLETION
Type: Flush Mount
Vault: Traffic
Diameter: 12"
Seal: Concrete
Depth: 0'-2'

WELL CASING
Material: PVC
Diameter: 4"
Depth: 0'-13.5'
Joints: 3.5', 13.5'

WELL SCREEN
Material: PVC
Diameter: 4"
Depth: 13.5'-33.5'
Joints: 13.5', 23.5'
Opening: 0.02" slotted
Cap: expanding

SAND FILTER PACK
Type : Colorado
Size: 812
Depth: 11'-45'

ANNULUS SEAL
Bentonite
Depth: 2'-11'

REMARKS
No sampling was performed
Borehole was drilled and a Monitor well was installed.

P:\AlPhillips\Maryland Square\2008 02 Well Installation\Borehole Logs and Photos\MW-31.doc

BOREHOLE LOG
MW-31

Al Phillips The Cleaner
Maryland Square Shopping Center
Groundwater Monitoring Well Installation
Las Vegas, Nevada
Project No. 2698724

Date Started:	3/5/2008
Date Completed:	3/6/2008
Drilling Company:	WDC Exploration
Drilling Method:	Hollow Stem Auger
Sampling Method:	None
Logged By:	Lisa Lowe

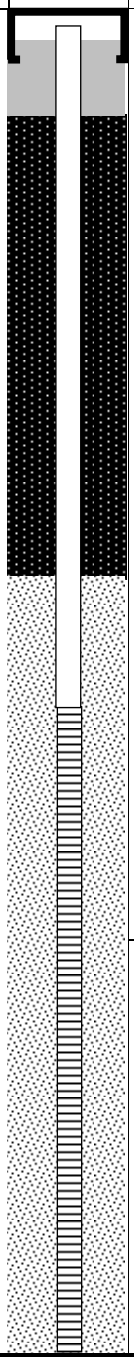
Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-31 Elev.: 1937.93	Remarks/Well Information
26–29						SW		22’-30’ gravelly SAND: lt. brown, wet, poorly sorted with some silt and pea gravel		
30–34						ML		30-‘-35’ sandy SILT: lt. brown, wet, stiff with some pea gravel		
35–44						CL		35’-45’ gravelly CLAY: lt. brown, wet, stiff with some sand and silt		
45–51								Bottom of borehole @ 45 ft. bgs Groundwater encountered at Approximately 17 ft bgs. *Borehole drilled to 45 ft bgs due to gravelly SAND (22’-30’) collapsing into borehole		

BOREHOLE LOG
MW-32

Al Phillips The Cleaner
Maryland Square Shopping Center
Groundwater Monitoring Well Installation
Las Vegas, Nevada
Project No. 26698724

Date Started:	3/4/2008
Date Completed:	3/4/2008
Drilling Company:	WDC Exploration
Drilling Method:	Hollow Stem Auger
Sampling Method:	None
Logged By:	Holly Woodward/Lisa Lowe

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION
0								0-4.5" ASPHALT
1						Af		@ 4.5" to 3' silty SAND: fine-grained, lt. brown, sl. moist, med. dense, poorly graded w. sl. plasticity, some pea gravel, artificial fill
2								
3						ML		3'-6' sandy SILT: lt. brown, sl. moist
4								
5								
6						SM		6'-15' silty SAND: brown, sl. moist, poorly graded, some gravel
7								
8								
9								
10								
11								
12								
13								
14								
15						CL		15'-25' CLAY: brown, sl. moist, med. dense, poorly graded, some sand and gravel
16								
17								@17.5' same as above but very moist
18								
19								
20								
21								
22								
23								
24								
25						ML		25'-31' clayey SILT, lt. brown, wet, stiff



Well: MW-32
Elev.: 1952.82

Remarks/Well Information

WELL CONSTRUCTION
Date Compl.: 3/4/2008
Comp. Rep: L. Lowe

SURFACE COMPLETION
Type: Flush Mount
Vault: Traffic
Diameter: 12"
Seal: Concrete
Depth: 0'-2'

WELL CASING
Material: PVC
Diameter: 4"
Depth: 0' to 13.5'
Joints: 3.5', 13.5'

WELL SCREEN
Material: PVC
Diameter: 4"
Depth: 13.5' to 33.5'
Joints: 13.5', 23.5'
Opening: 0.02" slotted
Cap: expanding

SAND FILTER PACK
Type : Colorado
Size: 812
Depth: 11'-35'

ANNULUS SEAL
Bentonite
Depth: 2'-11'

REMARKS
No sampling was performed Borehole was drilled and a Monitor well was installed.

*0' to 25' was logged during The drilling of B-T on 10/24/2007 by Holly Woodward

BOREHOLE LOG
MW-32

Al Phillips The Cleaner
Maryland Square Shopping Center
Groundwater Monitoring Well Installation
Las Vegas, Nevada
Project No. 2698724

Date Started:	3/4/2008
Date Completed:	3/4/2008
Drilling Company:	WDC Exploration
Drilling Method:	Hollow Stem Auger
Sampling Method:	None
Logged By:	Holly Woodward/Lisa Lowe

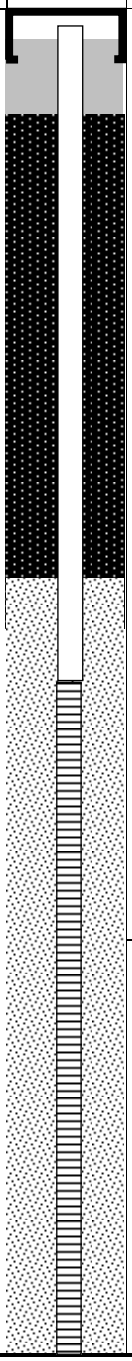
Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-32 Elev.: 1952.82	Remarks/Well Information
26								25’-31’ clayey SILT, lt. brown, wet, stiff		
27										
28										
29										
30						ML				
31								31’-35’ same with pea gravel		
32										
33										
34										
35								Bottom of borehole @ 35 ft. bgs Groundwater encountered at Approximately 17.5 feet bgs.		
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										

BOREHOLE LOG
MW-33

Al Phillips The Cleaner
Maryland Square Shopping Center
Groundwater Monitoring Well Installation
Las Vegas, Nevada
Project No. 26698724

Date Started:	3/5/2008
Date Completed:	3/6/2008
Drilling Company:	WDC Exploration
Drilling Method:	Hollow Stem Auger
Sampling Method:	None
Logged By:	Lisa Lowe

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION
0								0-4" ASPHALT
1						Af		4"-2' SAND, lt. brown, st. moist, poorly sorted with up to 1" diameter angular Rocks, Artificial Fill
2						SM		2'-5' silty SAND: lt. brown, sl. moist, well sorted with up to 1.5" long gypsum crystals
3								
4								
5								5'-9' sandy SILT: brown, sl moist, stiff with some pea gravel
6								
7								
8								
9								9'-16' gravelly SILT: brown sl. moist, stiff with some fine grain sand
10								
11								
12								
13								
14						ML		
15								
16								16'-25' sandy SILT, brown, moist, stiff with some pea gravel
17								
18								
19								
20								
21								
22								
23								
24								
25								25'-34' clayey SILT, lt. brown, wet, stiff



Remarks/Well Information

WELL CONSTRUCTION
Date Compl.: 3/6/2008
Comp. Rep: L. Lowe

SURFACE COMPLETION
Type: Flush Mount
Vault: Traffic
Diameter: 12"
Seal: Concrete
Depth: 0'-2'

WELL CASING
Material: PVC
Diameter: 4"
Depth: 0'-13.5'
Joints: 3.5', 13.5'

WELL SCREEN
Material: PVC
Diameter: 4"
Depth: 13.5' to 33.5'
Joints: 13.5', 23.5'
Opening: 0.02" slotted
Cap: expanding

SAND FILTER PACK
Type : Colorado
Size: 812
Depth: 11'-35'

ANNULUS SEAL
Bentonite
Depth: 2'-11'

REMARKS
No sampling was performed
Borehole was drilled and a
Monitor well was installed.

BOREHOLE LOG
MW-33

Al Phillips The Cleaner
Maryland Square Shopping Center
Groundwater Monitoring Well Installation
Las Vegas, Nevada
Project No. 2698724

Date Started:	3/5/2008
Date Completed:	3/6/2008
Drilling Company:	WDC Exploration
Drilling Method:	Hollow Stem Auger
Sampling Method:	None
Logged By:	Lisa Lowe

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-33 Elev.: 1950.92	Remarks/Well Information
26						ML		25'-34' clayey SILT, lt. brown, wet, stiff		
27										
28										
29										
30										
31										
32										
33										
34								34'-35' silty CLAY: white, moist, stiff		
35								Bottom of borehole @ 35 ft. bgs Groundwater encountered at Approximately 16.5' bgs.		
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										

BOREHOLE LOG
MW-T2

Al Phillips The Cleaner
Maryland Square Shopping Center
Groundwater Monitoring Well Installation
Las Vegas, Nevada
Project No. 26698724

Date Started: 3/4/2008
Date Completed: 3/5/2008
Drilling Company: WDC Explorations
Drilling Method: Hollow-Stem Auger
Sampling Method: Grab/Dedicated Bailer
Logged By: Lisa Lowe

Depth In Feet	Time (0100 hrs)	Sample	Blow Count (ft)	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: B-T2 Elev.:	Remarks/Well Information
0								0-4" ASPHALT		WELL CONSTRUCTION
						Af		4" to 1' silty SAND: lt. brown, sl. moist, poorly sorted with 1-2" diameter angular and rounded rocks		Date Compl.:
1						SM				Comp. Rep:
2								1'-7.5' silty SAND: tan, sl. moist, fine grained, well sorted, no plasticity, with some pea gravel and gypsum		SURFACE COMPLETION
3										Type:
4										Vault:
5										Diameter:
6										Seal:
7										Depth:
8								7.5'-13' sandy SILT: brown, moist, sl. plasticity		WELL CASING
9										Material:
10						ML				Diameter:
11										Depth:
12										Joints:
13								13'-17' same except stiff		WELL SCREEN
14										Material:
15										Diameter:
16										Depth:
17								17'-20' same with some pea gravel		Joints:
18										Opening:
19						CL				Cap:
	1210	W			B-T2					SAND FILTER PACK
20								Bottom of borehole @ 20'bgs		Type :
								Encountered Groundwater at approx. 18'		Size:
21										Depth:
22										ANNULUS SEAL
23										Sand Pack:
24										Depth:
25										Borehole:
										Depth:
										REMARKS

URS

GROUNDWATER SAMPLE COLLECTION LOG

Project Name: AL PHILLIPS - MARYLAND SQUARE
Job Number: 26698724
Sample Collected By: LisaLowe

Sample Number: MW - 33
Screen Depth: ~~23 - 33 ft~~ 13.5 - 33.5 feet BTOC
Date & Time Collected: 3/17/08 @ 1411
BOTTOM: 33.5ft BTOC

I. EQUIPMENT

Purging Method/Equipment: LF
Sampling Equipment: LF

II. PURGING INFORMATION

Depth to Water (Static) 16.02 (feet) BTOC Stabilized Depth to Water (Pumping) 16.02 (feet) BTOC
Stabilized Pump Rate 0.420 (Liters/minute) Pump Placement 23.5 (feet) BTOC

Time (min)	Pumping Rates (L/min)	Volume (L)	Water Level (ft)	pH (s.u)	Conductance (mS/cm)	Turbidity (ntu)	DO (mg/L)	T (°C)	TDS (g/L)	ORP (mV)
1305	0.420	0	16.03	6.77	0.349	7.5	8.52	21.0	2.2	179
1310	↓	2.1	16.05	6.95	0.368	3.6	2.94	20.7	2.4	159
1315	↓	4.2	16.05	6.98	0.506	9.2	2.04	21.1	3.4	153
1320	↓	6.3	16.05	7.00	0.776	17.4	1.88	20.8	4.6	148
1325	↓	8.4	16.05	7.01	2.21	19.3	1.71	20.9	15.0	145
1330	0.250	9.7	16.04	6.99	>9.99	18.5	0.89	20.7	>99	143
Stopped purging. Cleaned sensors & re-calibrated Horiba Water Quality Monitor.										—
1348	0.180	9.7	16.01	6.74	0.344	20.9	8.72	19.3	2.2	201
1353	↓	10.6	16.02	6.89	0.389	44.2	8.51	19.7	2.5	187
1358	↓	11.5	16.02	6.96	0.348	83.4	8.18	20.0	2.2	175
1403	↓	12.4	16.02	6.98	0.349	85.2	7.92	20.2	2.2	168
1408	↓	13.3	16.02	6.99	0.349	82.4	7.55	20.3	2.2	161

Color/composition of water at purging start: Clear At end of purging: Clear
Total Volume Purged: 13.3 Liters Total PurgeTime: 45 minutes Purged Dry (Y/N) N

III. SAMPLE PACKAGING

Container Type & Volume	Filter (Y/N)	Preservatives	Parameters
3 x 40ml VOA		HCl	VOCs (8260B)

Comments:

Notes: LF = Low flow purging method /sampling equipment. T = Tsunami pump. G = Grundfos pump. DB = Dedicated bailer sampling equiment.
3W = 3 well volume purging method. 3 well volume purging method = length of static water column * well casing volume (gal/ft: 2" = 0.16, 4" = 0.65) * 3
BTOC - Below TOP OF WELL CASING

URS

GROUNDWATER SAMPLE COLLECTION LOG

Project Name: AL PHILLIPS - MARYLAND SQUARE
Job Number: 26698724
Sample Collected By: Lisa Lowe

Sample Number: MW - 32
Screen Depth: ~~13 - 33 ft~~ 13.5 - 33.5
Date & Time Collected: 3/17/08 @ 1510

I. EQUIPMENT

Purging Method/Equipment: LF
Sampling Equipment: LF

II. PURGING INFORMATION

Depth to Water (Static) 17.25 (feet) Stabilized Depth to Water (Pumping) 17.31 (feet)
Stabilized Pump Rate 0.360 (Liters/minute) Pump Placement 23.5 (feet)

Time (min)	Pumping Rates (L/min)	Volume (L)	Water Level (ft)	pH (s.u)	Conduc-tance (mS/cm)	Turbidity (ntu)	DO (mg/L)	T (°C)	TDS (g/L)	ORP (mV)
1443	0.360	0	17.40	9.22	0.320	14.5	6.10	21.4	2.2	114
1448	↓	1.8	17.31	7.50	0.427	11.6	2.96	23.1	2.8	144
1453		3.6	17.31	7.43	0.455	7.4	2.53	23.1	2.9	142
1458		5.4	17.30	7.41	0.365	6.1	2.44	23.3	2.3	139
1503		7.2	17.31	7.41	0.361	6.1	2.44	23.3	2.3	138
1508	↓	9.0	17.31	7.41	0.364	5.4	2.44	23.3	2.3	136

Color/composition of water at purging start: Clear At end of purging: Clear
Total Volume Purged: 9.0 Liters Total PurgeTime: 25 minutes Purged Dry (Y/N) N

III. SAMPLE PACKAGING

Container Type & Volume	Filter (Y/N)	Preservatives	Parameters
3 x 40ml VOA		HCl	VOCs (8260B)

Comments:

Notes: LF = Low flow purging method /sampling equipment. T = Tsunami pump. G = Grundfos pump. DB = Dedicated bailer sampling equiment.
3W = 3 well volume purging method. 3 well volume purging method = length of static water column * well casing volume (gal/ft: 2" = 0.16, 4" = 0.65) * 3

URS

GROUNDWATER SAMPLE COLLECTION LOG

Project Name: AL PHILLIPS - MARYLAND SQUARE
Job Number: 26698724
Sample Collected By: Lisa Lowe

Sample Number: MW - 31
Screen Depth: ~~13 - 33 ft~~ 13.5 - 33.5
Date & Time Collected: 3/17/08 @ 1612

I. EQUIPMENT

Purging Method/Equipment: LF
Sampling Equipment: LF

II. PURGING INFORMATION

Depth to Water (Static) 15.23 (feet) Stabilized Depth to Water (Pumping) 15.26 (feet)
Stabilized Pump Rate 0.300 (Liters/minute) Pump Placement 23.5 (feet)

Time (min)	Pumping Rates (L/min)	Volume (L)	Water Level (ft)	pH (s.u)	Conduc-tance (mS/cm)	Turbidity (ntu)	DO (mg/L)	T (°C)	TDS (g/L)	ORP (mV)
1542	0.300	0	15.27	7.28	0.397	43.5	7.16	21.1	2.5	161
1547	↓	1.5	15.27	7.01	0.530	142.0	7.91	21.9	3.3	159
1552		3.0	15.27	6.98	0.549	141.0	7.22	22.3	3.4	156
1557		4.5	15.27	6.97	0.490	119.0	6.87	22.3	3.1	154
1602		6.0	15.26	6.97	0.471	113.0	6.53	22.6	3.0	152
1607		7.5	15.26	6.97	0.464	119.0	6.12	22.5	3.0	152
1609	↓	8.1	15.26	6.97	0.465	125.0	6.02	22.5	2.9	152
~~1617~~										

Color/composition of water at purging start: Clear At end of purging: sl. Cloudy
Total Volume Purged: 8.1 Liters Total PurgeTime: 27 minutes Purged Dry (Y/N) N

III. SAMPLE PACKAGING

Container Type & Volume	Filter (Y/N)	Preservatives	Parameters
3 x 40ml VOA		HCl	VOCs (8260B)

Comments:

Notes: LF = Low flow purging method /sampling equipment. T = Tsunami pump. G = Grundfos pump. DB = Dedicated bailer sampling equiment.
3W = 3 well volume purging method. 3 well volume purging method = length of static water column * well casing volume (gal/ft: 2" = 0.16, 4" = 0.65) * 3

Veritas Laboratories
Truth in Quality, Truth in Service
6245 Harrison Drive, Suite 4, Las Vegas, NV 89120
(702) 321-8315 Phone
(702) 597-2098 Fax
Email: veritaslabs@msn.com

CLIENT NAME: URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
PROJECT MGR: Lisa Lowe

CLIENT PROJECT NAME: **Al Phillips-Maryland Square**
CLIENT PROJECT NUMBER: 26698724.00005
VERITAS ORDER ID: V0803005
DATE RECEIVED AT LAB: 03/04/08

Presented herein are the analytical results for samples received from the above referenced project.

Samples submitted for this project were not sampled by Veritas Laboratories. Unless otherwise noted, samples were received by Veritas Laboratories under a chain of custody in good condition, properly preserved, and within hold time for the requested analyses.

All laboratory analytical data presented herein was generated by a laboratory certified by the Nevada Division of Environmental Protection for each constituent and media reported for which a certification is required and offered.

Should you have any questions or comments, please feel free to contact me at (702) 321-8315.

General Comments:
None
Some Sample and/or QA results have been flagged as follows:
None

03/04/08

Bruce G. Cunningham
Veritas Laboratories
Nevada Lab ID NV00918

Date

Veritas Laboratories
Truth in Quality, Truth in Service

CLIENT NAME: URS Corporation
CLIENT PROJECT NAME**: Al Phillips-Maryland Square**
CLIENT PROJECT NUMBER: 26698724.00005

CLIENT SAMPLE ID**: B-T2**
DATE SAMPLED: 03/04/08
VERITAS SAMPLE ID: V0803005-01

METHOD: Volatile Organic Compounds by EPA 8260B, GC/MS
MATRIX: Groundwater
DATE(S) ANALYZED: 03/04/08

PARAMETER	RESULT µg/L	RL (PQL) µg/L	DF	PARAMETER	RESULT µg/L	RL (PQL) µg/L	DF
Benzene	ND	25	5	Ethylbenzene	ND	25	5
Bromobenzene	ND	25	5	Hexachlorobutadiene	ND	25	5
Bromodichloromethane	ND	25	5	Isopropylbenzene	ND	25	5
Bromoform	ND	25	5	4-Isopropyltoluene	ND	25	5
Bromomethane	ND	25	5	Methylene chloride (DCM)	ND	25	5
n-Butylbenzene	ND	25	5	Naphthalene	ND	25	5
sec-Butylbenzene	ND	25	5	n-Propylbenzene	ND	25	5
tert-Butylbenzene	ND	25	5	Styrene	ND	25	5
Carbon tetrachloride	ND	25	5	1,1,1,2-Tetrachloroethane	ND	25	5
Chlorobenzene	ND	25	5	1,1,2,2-Tetrachloroethane	ND	25	5
Chloroethane	ND	25	5	**Tetrachloroethene (PCE)**	**130**	**25**	**5**
Chloroform	ND	25	5	Toluene	ND	25	5
Chloromethane	ND	25	5	1,2,3-Trichlorobenzene	ND	25	5
2-Chlorotoluene	ND	25	5	1,2,4-Trichlorobenzene	ND	25	5
4-Chlorotoluene	ND	25	5	1,1,1-Trichloroethane (1,1,1-TCA)	ND	25	5
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	5	1,1,2-Trichloroethane (1,1,2-TCA)	ND	25	5
Dibromochloromethane	ND	25	5	Trichloroethene (TCE)	ND	25	5
1,2-Dibromoethane (EDB)	ND	25	5	Trichlorofluoromethane (Freon11)	ND	25	5
Dibromomethane	ND	25	5	1,2,3-Trichloropropane	ND	25	5
1,2-Dichlorobenzene (o-DCB)	ND	25	5	1,2,4-Trimethylbenzene	ND	25	5
1,3-Dichlorobenzene (m-DCB)	ND	25	5	1,3,5 -Trimethylbenzene	ND	25	5
1,4-Dichlorobenzene (p-DCB)	ND	25	5	Vinyl chloride	ND	25	5
Dichlorodifluoromethane (Freon 12)	ND	25	5	m,p-Xylene	ND	25	5
1,1-Dichloroethane (1,1-DCA)	ND	25	5	o-Xylene	ND	25	5
1,2-Dichloroethane (1,2-DCA)	ND	25	5	MTBE	ND	25	5
1,1-Dichloroethene (1,1-DCE)	ND	25	5				
cis-1,2-Dichloroethene	ND	25	5				
trans-1,2-Dichloroethene	ND	25	5				
1,2-Dichloropropane	ND	25	5				
1,3-Dichloropropane	ND	25	5				
2,2-Dichloropropane	ND	25	5				
1,1-Dichloropropene	ND	25	5				

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
Dibromofluoromethane	90	70-130%
1,2-Dichloroethane-d4	81	70-130%
Toluene-d8	93	70-130%
4-Bromofluorobenzene	78	70-130%

RL-Reporting Limit (Practical Quantitation Limit)
DF-Dilution Factor
ND - Not Detected at Indicated Reporting Limit (PQL).

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CLIENT NAME: URS Corporation
CLIENT PROJECT NAME: **Al Phillips-Maryland Square**
CLIENT PROJECT NUMBER: 26698724.00005

CLIENT SAMPLE ID: **METHOD BLANK**
DATE SAMPLED: NA
VERITAS SAMPLE ID: VBLK080304-02

METHOD: Volatile Organic Compounds by EPA 8260B, GC/MS
MATRIX: Groundwater
DATE(S) ANALYZED: 03/04/08

PARAMETER	RESULT µg/L	RL (PQL) µg/L	DF	PARAMETER	RESULT µg/L	RL (PQL) µg/L	DF
Benzene	ND	5.0	1	Ethylbenzene	ND	5.0	1
Bromobenzene	ND	5.0	1	Hexachlorobutadiene	ND	5.0	1
Bromodichloromethane	ND	5.0	1	Isopropylbenzene	ND	5.0	1
Bromoform	ND	5.0	1	4-Isopropyltoluene	ND	5.0	1
Bromomethane	ND	5.0	1	Methylene chloride (DCM)	ND	5.0	1
n-Butylbenzene	ND	5.0	1	Naphthalene	ND	5.0	1
sec-Butylbenzene	ND	5.0	1	n-Propylbenzene	ND	5.0	1
tert-Butylbenzene	ND	5.0	1	Styrene	ND	5.0	1
Carbon tetrachloride	ND	5.0	1	1,1,1,2-Tetrachloroethane	ND	5.0	1
Chlorobenzene	ND	5.0	1	1,1,2,2-Tetrachloroethane	ND	5.0	1
Chloroethane	ND	5.0	1	Tetrachloroethene (PCE)	ND	5.0	1
Chloroform	ND	5.0	1	Toluene	ND	5.0	1
Chloromethane	ND	5.0	1	1,2,3-Trichlorobenzene	ND	5.0	1
2-Chlorotoluene	ND	5.0	1	1,2,4-Trichlorobenzene	ND	5.0	1
4-Chlorotoluene	ND	5.0	1	1,1,1-Trichloroethane (1,1,1-TCA)	ND	5.0	1
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	1	1,1,2-Trichloroethane (1,1,2-TCA)	ND	5.0	1
Dibromochloromethane	ND	5.0	1	Trichloroethene (TCE)	ND	5.0	1
1,2-Dibromoethane (EDB)	ND	5.0	1	Trichlorofluoromethane (Freon11)	ND	5.0	1
Dibromomethane	ND	5.0	1	1,2,3-Trichloropropane	ND	5.0	1
1,2-Dichlorobenzene (o-DCB)	ND	5.0	1	1,2,4-Trimethylbenzene	ND	5.0	1
1,3-Dichlorobenzene (m-DCB)	ND	5.0	1	1,3,5 -Trimethylbenzene	ND	5.0	1
1,4-Dichlorobenzene (p-DCB)	ND	5.0	1	Vinyl chloride	ND	5.0	1
Dichlorodifluoromethane (Freon 12)	ND	5.0	1	m,p-Xylene	ND	5.0	1
1,1-Dichloroethane (1,1-DCA)	ND	5.0	1	o-Xylene	ND	5.0	1
1,2-Dichloroethane (1,2-DCA)	ND	5.0	1	MTBE	ND	5.0	1
1,1-Dichloroethene (1,1-DCE)	ND	5.0	1				
cis-1,2-Dichloroethene	ND	5.0	1				
trans-1,2-Dichloroethene	ND	5.0	1				
1,2-Dichloropropane	ND	5.0	1				
1,3-Dichloropropane	ND	5.0	1				
2,2-Dichloropropane	ND	5.0	1				
1,1-Dichloropropene	ND	5.0	1				

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
Dibromofluoromethane	102	70-130%
1,2-Dichloroethane-d4	90	70-130%
Toluene-d8	105	70-130%
4-Bromofluorobenzene	76	70-130%

RL-Reporting Limit (Practical Quantitation Limit)
DF-Dilution Factor

ND - Not Detected at Indicated Reporting Limit (PQL).

Veritas Laboratories

Truth in Quality, Truth in Service

6245 Harrison Drive, Suite 4, Las Vegas, NV 89120

(702) 321-8315 Phone
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Email: veritaslabs@msn.com

Veritas Lab ID: V0803005

Company: URS	Telephone: 556-2750
Address: 811 Grier Dr Las Vegas, NV 89119	Fax: 492-9149
	Email: Lisa_Lowe@URSCorp.com
Attention: Lisa Lowe	Project Name/Project Number: At Phillips - Maryland Square / 26495724.00005
Invoice To: "	
Sampled By: "	P.O. Number:

Client Sample ID	Veritas Lab ID	Date Sampled	Time Sampled	Com-posite	Grab	Matrix Code[1]	3	+	Y	8260B	Total # of Containers	Preservation[2]	Container Code[3]
B-T2		3-4-08	1210		X	GW	X						

For Drinking Water Compliance Only: Sampler attests to authenticity and validity of information on this Chain of Custody _____ (initial). Falsification of information on this Chain of Custody may be considered fraud.

Comments

Relinquished by: (Signature)	Date/Time:
	3-4-08 / 12:59
Received by: (Signature)	Date/Time:
	3/4/08 1pm
Relinquished by: (Signature)	Date/Time:
Received by: (Signature)	Date/Time:

Turnaround Time:

- ___ Same Day
- X 1 Day
- ___ 2 Days
- ___ 3 Days
- ___ 5 Days (Normal)
- ___ Other

3/5/08
Date Needed

[1]Matrix Code

GW=Groundwater
WW=Wastewater
DW=Drinking Water
A=Air
S=Soil/Solid
SL=Sludge
OL=Organic Liquid
W=Wipe
O=Other

[2]Preservation Code

I=Iced
H=HCL
N=HNO_3
S=H_2SO_4
X=NaOH
T=$Na_2S_2O_3$
Z=ZnAc
O=Other
NO=None

[3]Container Code

A=Amber
G=Glass
P=Plastic
ST=Sterile
V=VOA Vial
T=Tedlar Bag
W=Wipe
O=Other

For Lab Use Only

Received in Good Condition? Yes/No

Custody Seals? Yes/No

Temperature 4°C

By Signing this Chain of Custody, the Client Agrees to All of Veritas Laboratories' Published Standard Terms and Conditions

CHAIN OF CUSTODY

All Data Reported on a Wet-Weight Basis, Unless Otherwise Specified

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Lisa Lowe
Phone: (702) 492-7923
Fax: (702) 837-1600

Alpha Analytical Number: URS08031801-01A
Client I.D. Number: MW-33

Sampled: 03/17/08
Received: 03/18/08
Analyzed: 03/19/08

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L
13	Chloroform	5.6	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L
22	Trichloroethene	ND	1.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L
26	1,1,2-Trichloroethane	ND	1.0	µg/L
27	Toluene	ND	1.0	µg/L
28	1,3-Dichloropropane	ND	1.0	µg/L
29	Dibromochloromethane	ND	1.0	µg/L
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L
31	Tetrachloroethene	2.4	1.0	µg/L
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
33	Chlorobenzene	ND	1.0	µg/L
34	Ethylbenzene	ND	1.0	µg/L
35	m,p-Xylene	ND	1.0	µg/L
36	Bromoform	ND	1.0	µg/L
37	Styrene	ND	1.0	µg/L
38	o-Xylene	ND	1.0	µg/L
39	1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
40	1,2,3-Trichloropropane	ND	2.0	µg/L
41	Isopropylbenzene	ND	1.0	µg/L
42	Bromobenzene	ND	1.0	µg/L
43	n-Propylbenzene	ND	1.0	µg/L
44	4-Chlorotoluene	ND	1.0	µg/L
45	2-Chlorotoluene	ND	1.0	µg/L
46	1,3,5-Trimethylbenzene	ND	1.0	µg/L
47	tert-Butylbenzene	ND	1.0	µg/L
48	1,2,4-Trimethylbenzene	ND	1.0	µg/L
49	sec-Butylbenzene	ND	1.0	µg/L
50	1,3-Dichlorobenzene	ND	1.0	µg/L
51	1,4-Dichlorobenzene	ND	1.0	µg/L
52	4-Isopropyltoluene	ND	1.0	µg/L
53	1,2-Dichlorobenzene	ND	1.0	µg/L
54	n-Butylbenzene	ND	1.0	µg/L
55	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
56	1,2,4-Trichlorobenzene	ND	2.0	µg/L
57	Naphthalene	ND	2.0	µg/L
58	Hexachlorobutadiene	ND	2.0	µg/L
59	1,2,3-Trichlorobenzene	ND	2.0	µg/L
60	Surr: 1,2-Dichloroethane-d4	98	(75-128)	%REC
61	Surr: Toluene-d8	102	(80-120)	%REC
62	Surr: 4-Bromofluorobenzene	104	(80-120)	%REC

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

3/19/08
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

VOC Sample Preservation Report

Work Order: URS08031801 **Project:** 26698724

Alpha's Sample ID	Client's Sample ID	Matrix	pH
08031801-01A	MW-33	Aqueous	2

3/19/08

Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: 19-Mar-08

QC Summary Report

Work Order: 08031801

Method Blank Type **MBLK** Test Code: **EPA Method SW8260B**

File ID: **08031841.D** Batch ID: **MS15W0318A** Analysis Date: **03/18/2008 23:00**

Sample ID: **MBLK MS15W0318A** Units : **µg/L** Run ID: **MSD_15_080318C** Prep Date: **03/18/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dichlorodifluoromethane	ND	1								
Chloromethane	ND	2								
Vinyl chloride	ND	1								
Chloroethane	ND	1								
Bromomethane	ND	2								
Trichlorofluoromethane	ND	1								
1,1-Dichloroethene	ND	1								
Dichloromethane	ND	2								
trans-1,2-Dichloroethene	ND	1								
1,1-Dichloroethane	ND	1								
cis-1,2-Dichloroethene	ND	1								
Bromochloromethane	ND	1								
Chloroform	ND	1								
2,2-Dichloropropane	ND	1								
1,2-Dichloroethane	ND	1								
1,1,1-Trichloroethane	ND	1								
1,1-Dichloropropene	ND	1								
Carbon tetrachloride	ND	1								
Benzene	ND	1								
Dibromomethane	ND	1								
1,2-Dichloropropane	ND	1								
Trichloroethene	ND	1								
Bromodichloromethane	ND	1								
cis-1,3-Dichloropropene	ND	1								
trans-1,3-Dichloropropene	ND	1								
1,1,2-Trichloroethane	ND	1								
Toluene	ND	1								
1,3-Dichloropropane	ND	1								
Dibromochloromethane	ND	1								
1,2-Dibromoethane (EDB)	ND	2								
Tetrachloroethene	ND	1								
1,1,1,2-Tetrachloroethane	ND	1								
Chlorobenzene	ND	1								
Ethylbenzene	ND	1								
m,p-Xylene	ND	1								
Bromoform	ND	1								
Styrene	ND	1								
o-Xylene	ND	1								
1,1,2,2-Tetrachloroethane	ND	1								
1,2,3-Trichloropropane	ND	2								
Isopropylbenzene	ND	1								
Bromobenzene	ND	1								
n-Propylbenzene	ND	1								
4-Chlorotoluene	ND	1								
2-Chlorotoluene	ND	1								
1,3,5-Trimethylbenzene	ND	1								
tert-Butylbenzene	ND	1								
1,2,4-Trimethylbenzene	ND	1								
sec-Butylbenzene	ND	1								
1,3-Dichlorobenzene	ND	1								
1,4-Dichlorobenzene	ND	1								
4-Isopropyltoluene	ND	1								
1,2-Dichlorobenzene	ND	1								
n-Butylbenzene	ND	1								
1,2-Dibromo-3-chloropropane (DBCP)	ND	3								
1,2,4-Trichlorobenzene	ND	2								
Naphthalene	ND	2								
Hexachlorobutadiene	ND	2								
1,2,3-Trichlorobenzene	ND	2								
Surr: 1,2-Dichloroethane-d4	10		10		100	75	128			
Surr: Toluene-d8	10.7		10		107	80	120			
Surr: 4-Bromofluorobenzene	10.3		10		103	80	120			

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: *19-Mar-08*

QC Summary Report

Work Order: 08031801

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8260B**

File ID: **08031838.D** Batch ID: **MS15W0318A** Analysis Date: **03/18/2008 21:51**

Sample ID: **LCS MS15W0318A** Units : **µg/L** Run ID: **MSD_15_080318C** Prep Date: **03/18/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	10.2	1	10		102	80	120			
Benzene	10.8	0.5	10		108	70	130			
Trichloroethene	10.6	1	10		106	70	130			
Toluene	10.1	0.5	10		101	80	120			
Chlorobenzene	10.2	1	10		102	70	130			
Ethylbenzene	10.5	0.5	10		105	80	120			
m,p-Xylene	11.3	0.5	10		113	70	130			
o-Xylene	11.6	0.5	10		116	70	130			
Surr: 1,2-Dichloroethane-d4	9.14		10		91	75	128			
Surr: Toluene-d8	9.94		10		99	80	120			
Surr: 4-Bromofluorobenzene	10.7		10		107	80	120			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8260B**

File ID: **08031842.D** Batch ID: **MS15W0318A** Analysis Date: **03/18/2008 23:23**

Sample ID: **08031747-02AMS** Units : **µg/L** Run ID: **MSD_15_080318C** Prep Date: **03/18/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	43.4	2.5	50	0	87	66	132			
Benzene	46.9	1.3	50	0	94	70	130			
Trichloroethene	44.5	2.5	50	0	89	69	130			
Toluene	42.3	1.3	50	0	85	67	130			
Chlorobenzene	43.7	2.5	50	0	87	70	130			
Ethylbenzene	43.9	1.3	50	0	88	70	130			
m,p-Xylene	47.1	1.3	50	0	94	69	130			
o-Xylene	49.3	1.3	50	0	99	70	130			
Surr: 1,2-Dichloroethane-d4	46.6		50		93	75	128			
Surr: Toluene-d8	48.3		50		97	80	120			
Surr: 4-Bromofluorobenzene	52.9		50		106	80	120			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8260B**

File ID: **08031843.D** Batch ID: **MS15W0318A** Analysis Date: **03/18/2008 23:46**

Sample ID: **08031747-02AMSD** Units : **µg/L** Run ID: **MSD_15_080318C** Prep Date: **03/18/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	38.2	2.5	50	0	76	66	132	43.42	12.7(20)	
Benzene	43.8	1.3	50	0	88	70	130	46.86	6.9(20)	
Trichloroethene	40.1	2.5	50	0	80	69	130	44.5	10.5(20)	
Toluene	40.1	1.3	50	0	80	67	130	42.32	5.3(20)	
Chlorobenzene	42	2.5	50	0	84	70	130	43.72	4.1(20)	
Ethylbenzene	40.8	1.3	50	0	82	70	130	43.85	7.1(20)	
m,p-Xylene	43.9	1.3	50	0	88	69	130	47.13	7.1(20)	
o-Xylene	47.1	1.3	50	0	94	70	130	49.25	4.6(20)	
Surr: 1,2-Dichloroethane-d4	45		50		90	75	128			
Surr: Toluene-d8	49.3		50		99	80	120			
Surr: 4-Bromofluorobenzene	53.4		50		107	80	120			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Billing Information :

CHAIN-OF-CUSTODY RECORD

NV

RUSH!

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : URSL08031801

Report Due By : 5:00 PM On : 19-Mar-08

Client:
URS Corporation
811 Grier Dr.

Las Vegas, NV 89119

Report Attention	Phone Number	EMail Address
Lisa Lowe	(702) 492-7923 x	lisa_lowe@urscorp.com

EDD Required : **No**

Sampled by : Client

PO :

Client's COC # : 22665 Job : 26698724

Cooler Temp	Samples Received	Date Printed
4 °C	18-Mar-08	**18-Mar-08**

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests VOC_W								Sample Remarks
URS08031801-01A	MW-33	AQ	03/17/08 14:11	3	0	1	8260_N								

Comments: Security seals intact. Frozen ice. Chain split into two separate work orders due to different TATs. 24 Hour TAT. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Elizabeth Sauvageau	Elizabeth Sauvageau	Alpha Analytical, Inc.	3-18-08 9:59

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.
The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information:

Name URS Corporation
Address 811 Grier Drive
City, State, Zip Las Vegas, NV 89119
Phone Number 702-492-7923 Fax 702-492-9149

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21
Sparks, Nevada 89431-5778
Phone (775) 355-1044
Fax (775) 355-0406

Samples Collected From Which State? AZ ___ CA ___ NV ✓ WA ___ ID ___ OR ___ OTHER ___

22665

Page # 1 of 1

Client Name	Same	P.O. #		Job #	26698724
Address		EMail Address	Lisa_Lowe@urscorp.com		
City, State, Zip		Phone #	same	Fax #	same
		Report Attention	Lisa Lowe		

Time Sampled	Date Sampled	Matrix* See Key Below	Sampled by / Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	8260B Std	Analyses Required	Required QC Level? I II III IV	EDD / EDF? YES ___ NO ___ Global ID # ___ REMARKS
1411	3/17/08	AQ	URS080318O1-01	MW-33	48hr	N	3V	X			
1510	↓	↓		MW-32	Norm	↓	↓	X			
1612				MW-31	Norm			X			

ADDITIONAL INSTRUCTIONS:

Signature	Print Name	Company	Date	Time
Relinquished by	Lisa B. Lowe	URS	3/17/08	1642
Received by	V. SMITH	Alpha	3-17-08	1642
Relinquished by	V. SMITH		3-17-08	1642
Received by	E. Sauvageau	Alpha	3-18-08	9:59
Relinquished by				
Received by				

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

Alpha Analytical, Inc.

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ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Lisa Lowe
Phone: (702) 492-7923
Fax: (702) 837-1600

Alpha Analytical Number: URS08031803-01A
Client I.D. Number: MW-32

Sampled: 03/17/08
Received: 03/18/08
Analyzed: 03/20/08

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit			Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	10	µg/L	36	Bromoform	ND	10	µg/L
2	Chloromethane	ND	40	µg/L	37	Styrene	ND	10	µg/L
3	Vinyl chloride	ND	10	µg/L	38	o-Xylene	ND	5.0	µg/L
4	Chloroethane	ND	10	µg/L	39	1,1,2,2-Tetrachloroethane	ND	10	µg/L
5	Bromomethane	ND	40	µg/L	40	1,2,3-Trichloropropane	ND	40	µg/L
6	Trichlorofluoromethane	ND	10	µg/L	41	Isopropylbenzene	ND	10	µg/L
7	1,1-Dichloroethene	ND	10	µg/L	42	Bromobenzene	ND	10	µg/L
8	Dichloromethane	ND	40	µg/L	43	n-Propylbenzene	ND	10	µg/L
9	trans-1,2-Dichloroethene	ND	10	µg/L	44	4-Chlorotoluene	ND	10	µg/L
10	1,1-Dichloroethane	ND	10	µg/L	45	2-Chlorotoluene	ND	10	µg/L
11	cis-1,2-Dichloroethene	ND	10	µg/L	46	1,3,5-Trimethylbenzene	ND	10	µg/L
12	Bromochloromethane	ND	10	µg/L	47	tert-Butylbenzene	ND	10	µg/L
13	Chloroform	ND	10	µg/L	48	1,2,4-Trimethylbenzene	ND	10	µg/L
14	2,2-Dichloropropane	ND	10	µg/L	49	sec-Butylbenzene	ND	10	µg/L
15	1,2-Dichloroethane	ND	10	µg/L	50	1,3-Dichlorobenzene	ND	10	µg/L
16	1,1,1-Trichloroethane	ND	10	µg/L	51	1,4-Dichlorobenzene	ND	10	µg/L
17	1,1-Dichloropropene	ND	10	µg/L	52	4-Isopropyltoluene	ND	10	µg/L
18	Carbon tetrachloride	ND	10	µg/L	53	1,2-Dichlorobenzene	ND	10	µg/L
19	Benzene	ND	5.0	µg/L	54	n-Butylbenzene	ND	10	µg/L
20	Dibromomethane	ND	10	µg/L	55	1,2-Dibromo-3-chloropropane (DBCP)	ND	60	µg/L
21	1,2-Dichloropropane	ND	10	µg/L	56	1,2,4-Trichlorobenzene	ND	40	µg/L
22	Trichloroethene	ND	10	µg/L	57	Naphthalene	ND	40	µg/L
23	Bromodichloromethane	ND	10	µg/L	58	Hexachlorobutadiene	ND	40	µg/L
24	cis-1,3-Dichloropropene	ND	10	µg/L	59	1,2,3-Trichlorobenzene	ND	40	µg/L
25	trans-1,3-Dichloropropene	ND	10	µg/L	60	Surr: 1,2-Dichloroethane-d4	82	(75-128)	%REC
26	1,1,2-Trichloroethane	ND	10	µg/L	61	Surr: Toluene-d8	99	(80-120)	%REC
27	Toluene	ND	5.0	µg/L	62	Surr: 4-Bromofluorobenzene	92	(80-120)	%REC
28	1,3-Dichloropropane	ND	10	µg/L					
29	Dibromochloromethane	ND	10	µg/L					
30	1,2-Dibromoethane (EDB)	ND	40	µg/L					
31	Tetrachloroethene	720	10	µg/L					
32	1,1,1,2-Tetrachloroethane	ND	10	µg/L					
33	Chlorobenzene	ND	10	µg/L					
34	Ethylbenzene	ND	5.0	µg/L					
35	m,p-Xylene	ND	5.0	µg/L					

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

3/24/08

Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

URS Corporation
811 Grier Dr.
Las Vegas, NV 89119
Job#: 26698724

Attn: Lisa Lowe
Phone: (702) 492-7923
Fax: (702) 837-1600

Alpha Analytical Number: URS08031803-02A
Client I.D. Number: MW-31

Sampled: 03/17/08
Received: 03/18/08
Analyzed: 03/20/08

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit	
1	Dichlorodifluoromethane	ND	1.0	µg/L	36 Bromoform	ND	1.0	µg/L
2	Chloromethane	ND	2.0	µg/L	37 Styrene	ND	1.0	µg/L
3	Vinyl chloride	ND	1.0	µg/L	38 o-Xylene	ND	1.0	µg/L
4	Chloroethane	ND	1.0	µg/L	39 1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
5	Bromomethane	ND	2.0	µg/L	40 1,2,3-Trichloropropane	ND	2.0	µg/L
6	Trichlorofluoromethane	ND	1.0	µg/L	41 Isopropylbenzene	ND	1.0	µg/L
7	1,1-Dichloroethene	ND	1.0	µg/L	42 Bromobenzene	ND	1.0	µg/L
8	Dichloromethane	ND	2.0	µg/L	43 n-Propylbenzene	ND	1.0	µg/L
9	trans-1,2-Dichloroethene	ND	1.0	µg/L	44 4-Chlorotoluene	ND	1.0	µg/L
10	1,1-Dichloroethane	ND	1.0	µg/L	45 2-Chlorotoluene	ND	1.0	µg/L
11	cis-1,2-Dichloroethene	ND	1.0	µg/L	46 1,3,5-Trimethylbenzene	ND	1.0	µg/L
12	Bromochloromethane	ND	1.0	µg/L	47 tert-Butylbenzene	ND	1.0	µg/L
13	Chloroform	2.9	1.0	µg/L	48 1,2,4-Trimethylbenzene	ND	1.0	µg/L
14	2,2-Dichloropropane	ND	1.0	µg/L	49 sec-Butylbenzene	ND	1.0	µg/L
15	1,2-Dichloroethane	ND	1.0	µg/L	50 1,3-Dichlorobenzene	ND	1.0	µg/L
16	1,1,1-Trichloroethane	ND	1.0	µg/L	51 1,4-Dichlorobenzene	ND	1.0	µg/L
17	1,1-Dichloropropene	ND	1.0	µg/L	52 4-Isopropyltoluene	ND	1.0	µg/L
18	Carbon tetrachloride	ND	1.0	µg/L	53 1,2-Dichlorobenzene	ND	1.0	µg/L
19	Benzene	ND	1.0	µg/L	54 n-Butylbenzene	ND	1.0	µg/L
20	Dibromomethane	ND	1.0	µg/L	55 1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	µg/L
21	1,2-Dichloropropane	ND	1.0	µg/L	56 1,2,4-Trichlorobenzene	ND	2.0	µg/L
22	Trichloroethene	ND	1.0	µg/L	57 Naphthalene	ND	2.0	µg/L
23	Bromodichloromethane	ND	1.0	µg/L	58 Hexachlorobutadiene	ND	2.0	µg/L
24	cis-1,3-Dichloropropene	ND	1.0	µg/L	59 1,2,3-Trichlorobenzene	ND	2.0	µg/L
25	trans-1,3-Dichloropropene	ND	1.0	µg/L	60 Surr: 1,2-Dichloroethane-d4	90	(75-128)	%REC
26	1,1,2-Trichloroethane	ND	1.0	µg/L	61 Surr: Toluene-d8	101	(80-120)	%REC
27	Toluene	ND	1.0	µg/L	62 Surr: 4-Bromofluorobenzene	93	(80-120)	%REC
28	1,3-Dichloropropane	ND	1.0	µg/L				
29	Dibromochloromethane	ND	1.0	µg/L				
30	1,2-Dibromoethane (EDB)	ND	2.0	µg/L				
31	Tetrachloroethene	49	1.0	µg/L				
32	1,1,1,2-Tetrachloroethane	ND	1.0	µg/L				
33	Chlorobenzene	ND	1.0	µg/L				
34	Ethylbenzene	ND	1.0	µg/L				
35	m,p-Xylene	ND	1.0	µg/L				

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

3/24/08
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

VOC Sample Preservation Report

Work Order: URS08031803 **Project:** 26698724

Alpha's Sample ID	Client's Sample ID	Matrix	pH
08031803-01A	MW-32	Aqueous	2
08031803-02A	MW-31	Aqueous	2

3/24/08

Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: 21-Mar-08

QC Summary Report

Work Order: 08031803

Method Blank Type **MBLK** Test Code: **EPA Method SW8260B**

File ID: **C:\HPCHEM\MS10\DATA\080319\08031935.D** Batch ID: **MS10W0319C** Analysis Date: **03/19/2008 20:45**

Sample ID: **MBLK MS10W0319C** Units : **µg/L** Run ID: **MSD_10_080319A** Prep Date: **03/19/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dichlorodifluoromethane	ND	1								
Chloromethane	ND	2								
Vinyl chloride	ND	1								
Chloroethane	ND	1								
Bromomethane	ND	2								
Trichlorofluoromethane	ND	1								
1,1-Dichloroethene	ND	1								
Dichloromethane	ND	2								
trans-1,2-Dichloroethene	ND	1								
1,1-Dichloroethane	ND	1								
cis-1,2-Dichloroethene	ND	1								
Bromochloromethane	ND	1								
Chloroform	ND	1								
2,2-Dichloropropane	ND	1								
1,2-Dichloroethane	ND	1								
1,1,1-Trichloroethane	ND	1								
1,1-Dichloropropene	ND	1								
Carbon tetrachloride	ND	1								
Benzene	ND	1								
Dibromomethane	ND	1								
1,2-Dichloropropane	ND	1								
Trichloroethene	ND	1								
Bromodichloromethane	ND	1								
cis-1,3-Dichloropropene	ND	1								
trans-1,3-Dichloropropene	ND	1								
1,1,2-Trichloroethane	ND	1								
Toluene	ND	1								
1,3-Dichloropropane	ND	1								
Dibromochloromethane	ND	1								
1,2-Dibromoethane (EDB)	ND	2								
Tetrachloroethene	ND	1								
1,1,1,2-Tetrachloroethane	ND	1								
Chlorobenzene	ND	1								
Ethylbenzene	ND	1								
m,p-Xylene	ND	1								
Bromoform	ND	1								
Styrene	ND	1								
o-Xylene	ND	1								
1,1,2,2-Tetrachloroethane	ND	1								
1,2,3-Trichloropropane	ND	2								
Isopropylbenzene	ND	1								
Bromobenzene	ND	1								
n-Propylbenzene	ND	1								
4-Chlorotoluene	ND	1								
2-Chlorotoluene	ND	1								
1,3,5-Trimethylbenzene	ND	1								
tert-Butylbenzene	ND	1								
1,2,4-Trimethylbenzene	ND	1								
sec-Butylbenzene	ND	1								
1,3-Dichlorobenzene	ND	1								
1,4-Dichlorobenzene	ND	1								
4-Isopropyltoluene	ND	1								
1,2-Dichlorobenzene	ND	1								
n-Butylbenzene	ND	1								
1,2-Dibromo-3-chloropropane (DBCP)	ND	3								
1,2,4-Trichlorobenzene	ND	2								
Naphthalene	ND	2								
Hexachlorobutadiene	ND	2								
1,2,3-Trichlorobenzene	ND	2								
Surr: 1,2-Dichloroethane-d4	10.6		10		106	75	128			
Surr: Toluene-d8	9.94		10		99	80	120			
Surr: 4-Bromofluorobenzene	9.08		10		91	80	120			

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: 21-Mar-08

QC Summary Report

Work Order: 08031803

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8260B**

File ID: **C:\HPCHEM\MS10\DATA\080319\08031932.D** Batch ID: **MS10W0319C** Analysis Date: **03/19/2008 19:41**

Sample ID: **LCS MS10W0319C** Units : **µg/L** Run ID: **MSD_10_080319A** Prep Date: **03/19/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	10.2	1	10		102	80	120			
Benzene	8.74	0.5	10		87	70	130			
Trichloroethene	9.16	1	10		92	70	130			
Toluene	9.65	0.5	10		97	80	120			
Chlorobenzene	9.68	1	10		97	70	130			
Ethylbenzene	9.19	0.5	10		92	80	120			
m,p-Xylene	9.4	0.5	10		94	70	130			
o-Xylene	10.1	0.5	10		101	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10		99	75	128			
Surr: Toluene-d8	10.3		10		103	80	120			
Surr: 4-Bromofluorobenzene	9.59		10		96	80	120			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8260B**

File ID: **C:\HPCHEM\MS10\DATA\080319\08031936.D** Batch ID: **MS10W0319C** Analysis Date: **03/19/2008 21:07**

Sample ID: **08031402-04AMS** Units : **µg/L** Run ID: **MSD_10_080319A** Prep Date: **03/19/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	52.2	2.5	50	0	104	66	132			
Benzene	45.3	1.3	50	0	91	70	130			
Trichloroethene	70	2.5	50	25.3	89	69	130			
Toluene	47.9	1.3	50	0	96	67	130			
Chlorobenzene	47.4	2.5	50	0	95	70	130			
Ethylbenzene	44.8	1.3	50	0	90	70	130			
m,p-Xylene	46.6	1.3	50	0	93	69	130			
o-Xylene	49.5	1.3	50	0	99	70	130			
Surr: 1,2-Dichloroethane-d4	43.7		50		87	75	128			
Surr: Toluene-d8	48.5		50		97	80	120			
Surr: 4-Bromofluorobenzene	49.5		50		99	80	120			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8260B**

File ID: **C:\HPCHEM\MS10\DATA\080319\08031937.D** Batch ID: **MS10W0319C** Analysis Date: **03/19/2008 21:28**

Sample ID: **08031402-04AMSD** Units : **µg/L** Run ID: **MSD_10_080319A** Prep Date: **03/19/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	50.2	2.5	50	0	100	66	132	52.16	3.9(20)	
Benzene	45.2	1.3	50	0	90	70	130	45.25	0.2(20)	
Trichloroethene	72.4	2.5	50	25.3	94	69	130	70.02	3.4(20)	
Toluene	47.4	1.3	50	0	95	67	130	47.88	0.9(20)	
Chlorobenzene	46.7	2.5	50	0	93	70	130	47.4	1.4(20)	
Ethylbenzene	43.9	1.3	50	0	88	70	130	44.81	2.0(20)	
m,p-Xylene	46.2	1.3	50	0	92	69	130	46.59	0.8(20)	
o-Xylene	48.9	1.3	50	0	98	70	130	49.53	1.3(20)	
Surr: 1,2-Dichloroethane-d4	47.2		50		94	75	128			
Surr: Toluene-d8	49.1		50		98	80	120			
Surr: 4-Bromofluorobenzene	50.1		50		100	80	120			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Billing Information :

CHAIN-OF-CUSTODY RECORD

NV

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : URSL08031803

Report Due By : 5:00 PM On : 25-Mar-08

Client:
URS Corporation
811 Grier Dr.

Las Vegas, NV 89119

PO :

Client's COC # : 22665 Job : 26698724

Report Attention	Phone Number	EMail Address
Lisa Lowe	(702) 492-7923 x	lisa_lowe@urscorp.com

EDD Required : **No**

Sampled by : Client

Cooler Temp	Samples Received	Date Printed
4 °C	18-Mar-08	18-Mar-08

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests VOC_W								Sample Remarks
URS08031803-01A	MW-32	AQ	03/17/08 15:10	3	0	5	8260_N								
URS08031803-02A	MW-31	AQ	03/17/08 16:12	3	0	5	8260_N								

Comments: Security seals intact. Frozen ice. Chain split into two separate work orders due to different TATs. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Elizabeth Sauvageau	Elizabeth Sauvageau	Alpha Analytical, Inc.	3-18-08 1043

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

22665

Billing Information:
Name URS Corporation
Address 811 Grier Drive
City, State, Zip Las Vegas, NV 89119
Phone Number 702-492-7923 Fax 702-492-9149

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21
Sparks, Nevada 89431-5778
Phone (775) 355-1044
Fax (775) 355-0406

Samples Collected From Which State?
AZ ___ CA ___ NV X WA ___
ID ___ OR ___ OTHER ___

Page # 1 of 1

Client Name	P.O. #	Job #
Same		26098724
Address	EMail Address	
	Lisa_Lowe@urscorp.com	
City, State, Zip	Phone #	Fax #
	same	same

Report Attention: Lisa Lowe

Analyses Required: 8260B Std

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # ___

Time Sampled	Date Sampled	Matrix* See Key Below	Sampled by / Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	8260B Std	REMARKS
1411	3/17/08	AQ		MW-33	48hr	N	3V	X	
1510	↓	↓	URS08031803-01	MW-32	Norm	↓	↓	X	
1612	↓	↓	-02	MW-31	Norm	↓	↓	X	

Trip Blank

ADDITIONAL INSTRUCTIONS:

	Signature	Print Name	Company	Date	Time
Relinquished by		Lisa B. Lowe	URS	3/17/08	1642
Received by		V. SMITH	Alpha	3-17-08	1642
Relinquished by		V. SMITH	Alpha	3-17-08	1642
Received by	E. Sauvageau	E. Sauvageau	Alpha	3-18-08	1043
Relinquished by					
Received by					

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.